

# KRFS Experimental License Request

## 1 Purpose of Operation

The KuRFS-2 radar will be participating in a test event at the NAVSEA Warfare Centers (NSWC) Crane "Lake Glendora Test Facility." The radar's mission will include detection, track, and data collection on prototype Small Unmanned Aerial Systems (sUAS) under development by the Defense Threat Reduction Agency (DTRA).

- File Number: 0860-EX-CN-2020

- Class of Station: FX/MO **Modified because the radar will be on a moving platform**

- Station Locations: FX/MO

- Effective: 11/02/2020

- Expiration: 11/01/2021

Note: The KRFS is designed to operate over specific frequency ranges within the range of 15.71 to 17.71 GHz. Specific operating modes are confined to the specific bands as follows:

- 15.71 to 17.71 GHz Radar: C-RAM

- 15.71 to 17.71 GHz Missile Illumination

## 2 Experimental Explanation

As detailed in paragraph 1 above, Raytheon seeks this Experimental License in order to allow testing and technical demonstrations of the KRFS System (Radar).

## 3. Stop Buzzer

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